

## Product datasheet for PH309250

### ASCL2 (NM\_005170) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	ASCL2 MS Standard C13 and N15-labeled recombinant protein (NP_005161)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209250
Predicted MW:	20.2 kDa
Protein Sequence:	>RC209250 protein sequence Red=Cloning site Green=Tags(s)  MDGGTLPRSAPPAPPVPGCAARRRPASPELLRCSRRRRPATAETGGAAAVARRNERERNRVKLVNLGF QALRQHVPHGGASKKLSKVETLRSAYEYIRALQRLLAEHDAVRNALAGGLRPQAVRPSAPRPGTTPVA ASPSRASSPGRGGSSEPGSPRSAYSSDDSGEGALSPAERELLDFFSSWLGGY  SGPTRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_005161</a>
RefSeq Size:	1864
RefSeq ORF:	579
Synonyms:	ASH2; bHLHa45; HASH2; MASH2
Locus ID:	430
UniProt ID:	<a href="#">Q99929</a>



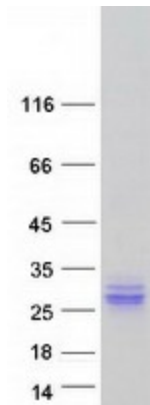
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**Cytogenetics:** 11p15.5

**Summary:** This gene is a member of the basic helix-loop-helix (BHLH) family of transcription factors. It activates transcription by binding to the E box (5'-CANNTG-3'). Dimerization with other BHLH proteins is required for efficient DNA binding. Involved in the determination of the neuronal precursors in the peripheral nervous system and the central nervous system. [provided by RefSeq, Jul 2008]

**Protein Families:** Druggable Genome, Transcription Factors

**Product images:**



Coomassie blue staining of purified ASCL2 protein (Cat# [TP309250]). The protein was produced from HEK293T cells transfected with ASCL2 cDNA clone (Cat# [RC209250]) using MegaTran 2.0 (Cat# [TT210002]).